UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/21/2005

Birch, Stewart, Kolasch & Birch, LLP P.O.Box 747 Falls Church, VA 22040

EXA	EXAMINER				
NGUYI	NGUYEN, DUNG T				
ART UNIT	PAPER NUMBER				
2871	<u> </u>				

DATE MAILED: 09/21/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/317,719	05/24/1999	JEOM JAE KIM	39574.18	9474

TITLE OF INVENTION: STRUCTURE OF A PAD IN A LIQUID CRYSTAL DISPLAY DEVICE AND A METHOD FOR MANUFACTURING THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	12/21/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. The	mailing can only be used for is certificate cannot be used	or domestic mailings of the for any other accompanying
7:	590 09/21/2005			have its own certificate	al paper, such as an assignme e of mailing or transmission.	an or formar drawing, must
Birch, Stewart, K	olasch & Birch, LLF	•		Cer	rtificate of Mailing or Trans	mission
P.O.Box 747	,			I hereby certify that the States Postal Service y	is Fee(s) Transmittal is being with sufficient postage for fir	g deposited with the United
Falls Church, VA 2	22040	-		addressed to the Mai transmitted to the USP	nis Fee(s) Transmittal is being with sufficient postage for fir 1 Stop ISSUE FEE address TO (571) 273-2885, on the co	above, or being facsimile late indicated below.
						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/317,719	05/24/1999		JEOM JAE KIM		39574.18	9474
•						
TITLE OF INVENTION: S	TRUCTURE OF A PAD IN	A LIQUID CRYS	TAL DISPLAY DEV	ICE AND A METHOL	FOR MANUFACTURING	THEREOF
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE PU	JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400		\$0	\$1400	12/21/2005
EXAM	IINER	ART UN	IT CI	ASS-SUBC LASS]	
NGUYEN	, DUNG T	2871		349-042000		
1. Change of correspondenc	e address or indication of "F	ee Address" (37	2. For printing on	the patent front page, li	st	
CFR 1.363).	lance address (or Change of	Correspondence	(1) the names of or agents OR, alte	ip to 3 registered pater	nt attorneys 1	
Address form PTO/SB/1	lence address (or Change of 22) attached.	Correspondence	(2) the name of a	single firm (having as	a member a 2	
"Fee Address" indica	tion (or "Fee Address" Indica	ation form	registered attorney	or agent) and the name attorneys or agents. If	nes of up to	
Number is required.	or more recent) attached. Us	e of a Customer	listed, no name wi	ll be printed.	no name is 3	
	RESIDENCE DATA TO B					
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear on t I a substitute for filin	he patent. If an assigr g an assignment.	nee is identified below, the d	locument has been filed for
(A) NAME OF ASSIGN	EE	(B) RESIDENCE: (CIT	Y and STATE OR CO	UNTRY)	
	assignee category or catego			☐ Individual ☐ C	orporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:	4b	. Payment of Fee(s):			•
☐ Issue Fee				nount of the fee(s) is er		
	mall entity discount permitte	ed)	☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to			
Advance Order - # of	f Copies		Deposit Account Nu	mber	harge the required fee(s), or enclose an extra c	copy of this form).
5. Change in Entity Status	(from status indicated above)				
• •	MALL ENTITY status. See			· · · · · · · · · · · · · · · · · · ·	LL ENTITY status. See 37 C	
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issublication Fee (if required) ords of the United States Pat	ue Fee and Publica will not be accepted ent and Trademark	tion Fee (if any) or to I from anyone other t Office.	re-apply any previous han the applicant; a reg	ly paid issue fee to the application is the application of the applica	ation identified above. he assignee or other party in
Authorized Signature				Date		
	Typed or printed name Registration No					
This collection of informatian application. Confidential submitting the completed at this form and/or suggestion. Box 1450, Alexandria, Virginia 22313	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C opplication form to the USPT is for reducing this burden, slinia 22313-1450. DO NOT 1450.	11. The information 122 and 37 CFR O. Time will vary hould be sent to the SEND FEES OR O	on is required to obtain 1.14. This collection depending upon the collection COMPLETED FORM	n or retain a benefit by is estimated to take 12 individual case. Any co Officer, U.S. Patent and IS TO THIS ADDRES	the public which is to file (an minutes to complete, including tomments on the amount of ti Trademark Office, U.S. Dep S. SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION NO.). FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/317,719 05/24/1999		JEOM JAE KIM	39574.18	9474
75	90 09/21/2005		EXAM	INER
Birch, Stewart, K	olasch & Birch, LLP		NGUYEN,	DUNG T
P.O.Box 747 Falls Church, VA 2	22040		ART UNIT	PAPER NUMBER
1 and Church, VII 2	.2010		2871	<u> </u>
			DATE MAILED: 09/21/2009	;

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.